

ABSTRACT OF THE DISCLOSURE

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A surface acoustic wave device includes an input interdigital transducer and an output interdigital transducer, disposed on a surface acoustic wave propagation path of a piezoelectric substrate, wherein when an aperture length of an electrode finger of the input or output interdigital transducer is denoted by X , the output or input interdigital transducer has two divided interdigital transducers having the electrode finger in which each aperture length is denoted by substantially $X/2$, wherein the two divided interdigital transducers are serial-connected, and the electrodes of the respective electrode fingers are led from the two divided interdigital transducers, and are disposed so that two output and input signals connected to a balance terminal pair have a different phase at 180° .